

Concrete Supply Company - Lincolnton Plant

831 Madison St  
Lincolnton, NC 28092

Overview Map



| LIST OF SIGNIFICANT SPILLS AND LEAKS  |                                     |      |  |                    |                |                  |                | Worksheet #4 <u>Gary Hunter</u><br>Completed by: <u>Robert Richard</u><br>Title: <u>Leadman</u><br>Date: <u>1-6-12</u> |  |                                     |
|---|-------------------------------------|------|--|--------------------|----------------|------------------|----------------|--|--|-------------------------------------|
| Directions: Record below all significant spills and significant leaks of toxic or hazardous pollutants that have occurred at the facility in the three years prior to the effective date of the permit. |                                     |      |  |                    |                |                  |                |  |  |                                     |
| Definitions: Significant spills include, but are not limited to, releases of oil or hazardous substances in excess of reportable quantities.  |                                     |      |  |                    |                |                  |                |  |  |                                     |
| 1st Year Prior  |                                     |      |  |                    |                |                  |                |  |  |                                     |
| Date<br>(month/date/year)   | Spill                               | Leak | Location<br>(as indicated on site map) | Type of Material   | Quantity       | Source, If Known | Reason         | Amount of Material Recovered   | Longer Exposed to Storm Water (True/False) | Preventive Measures Taken           |
| <u>1-6-12</u>   |                                     |      |  | <u>NONE</u>        | <u>POF</u>     | <u>PAST</u>      | <u>3 YEARS</u> |  |  |                                     |
| 2nd Year Prior  |                                     |      |  |                    |                |                  |                |  |  |                                     |
| Date<br>(month/date/year)   | Spill                               | Leak | Location<br>(as indicated on site map) | Type of Material   | Quantity       | Source, If known | Reason         | Amount of Material Recovered   | Longer Exposed to Storm Water (True/False) | Preventive Measures Taken           |
| <u>9-24-13</u>  | <input checked="" type="checkbox"/> |      | <u>SAND BIN</u>                        | <u>Diesel Fuel</u> | <u>150 gal</u> |                  |                | <u>150 gal</u>   | <input checked="" type="checkbox"/>        | <u>N/A</u>                          |
| <u>10-17-14</u>   |                                     |      | <u>NONE</u>                            | <u>CRK</u>         |                |                  |                |  |  |                                     |
| <u>3-23-15</u>  |                                     |      | <u>NONE</u>                            | <u>CRK</u>         |                |                  |                |  |  |                                     |
| <u>7-4-16</u>   |                                     |      | <u>NONE</u>                            |                    |                |                  |                |  |  |                                     |
| 3rd Year Prior  |                                     |      |  |                    |                |                  |                |  |  |                                     |
| Date<br>(month/date/year)   | Spill                               | Leak | Location<br>(as indicated on site map) | Type of Material   | Quantity       | Source, If known | Reason         | Amount of Material Recovered   | Longer Exposed to Storm Water (True/False) | Preventive Measures Taken           |
| <u>1-6-12</u>   |                                     |      | <u>NONE</u>                            | <u>NONE</u>        |                |                  |                |  |  | <input checked="" type="checkbox"/> |
| <u>3-13-18</u>  |                                     |      | <u>NONE</u>                            | <u>NONE</u>        |                |                  |                |  |  | <input checked="" type="checkbox"/> |
| <u>3-9-19</u>   |                                     |      | <u>NONE</u>                            | <u>NONE</u>        |                |                  |                |  |  | <input checked="" type="checkbox"/> |

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## Attributes

|             |   |
|-------------|---|
| File Name   | DSCN1836.JPG  |
| Description | Photograph of the annual significant spills and leak log. |
| Latitude    |   |
| Longitude   |   |





#### Attributes

|             |   |
|-------------|---|
| File Name   | DSCN1837.JPG  |
| Description | Photograph of the bermed area and inlet at Outfall 1. This outfall, located in the northwest corner of the site, has the potential to discharge both stormwater and wastewater. |
| Latitude    | N 35° 27' 40.60"  |
| Longitude   | W 81° 15' 38.43"  |





| Attributes  |  |
|-------------|--|
| File Name   | DSCN1838.JPG   |
| Description | Photograph of the outlet for Outfall 1. This outfall, located in the northwest corner of the site, has the potential to discharge both stormwater and wastewater. The area downgradient of the outfall had what appeared to be accumulated silty material from the concrete process. |
| Latitude    | N 35° 27' 41.38"   |
| Longitude   | W 81° 15' 40.91"   |





| Attributes  |  |
|-------------|--|
| File Name   | DSCN1839.JPG   |
| Description | Photograph of the ditch down gradient of Outfall 1 leading towards the creek. This area appeared to be accumulated silty material from the concrete process. Pooling water was observed in locations in the ditch in addition to the evidence of erosion features. |
| Latitude    | N 35° 27' 39.65"   |
| Longitude   | W 81° 15' 38.42"   |





#### Attributes

|             |   |
|-------------|---|
| File Name   | DSCN1840.JPG  |
| Description | Photograph of the ditch down gradient of Outfall 1 leading towards the creek. Pooling water was observed in locations in the ditch in addition to the evidence of erosion features. |
| Latitude    | N 35° 27' 40.00"  |
| Longitude   | W 81° 15' 38.26"  |





| Attributes  |   |
|-------------|---|
| File Name   | DSCN1841.JPG  |
| Description | Photograph of the ditch down gradient of Outfall 1 leading towards the creek. Pooling water was observed in locations in the ditch in addition to the evidence of erosion features. |
| Latitude    | N 35° 27' 39.98"  |
| Longitude   | W 81° 15' 38.25"  |





| Attributes  |  |
|-------------|--|
| File Name   | DSCN1842.JPG   |
| Description | Photograph of the junction between the creek and the ditch down gradient of Outfall 1. |
| Latitude    | N 35° 27' 40.12"   |
| Longitude   | W 81° 15' 38.76"   |





#### Attributes

|             |   |
|-------------|---|
| File Name   | DSCN1843.JPG  |
| Description | Photograph of the ditch up gradient of junction with the creek. |
| Latitude    | N 35° 27' 40.11"  |
| Longitude   | W 81° 15' 38.78"  |





| Attributes  |  |
|-------------|--|
| File Name   | DSCN1844.JPG   |
| Description | Photograph of the berm and inlet to the pipe for Outfall 1. During the inspection, the facility side of the berm had damp accumulated sediment to the level of the outfall pipe. |
| Latitude    | N 35° 27' 39.54"   |
| Longitude   | W 81° 15' 37.48"   |





| Attributes  |  |
|-------------|--|
| File Name   | DSCN1845.JPG   |
| Description | Photograph of the berm along the river near the outfall. |
| Latitude    | N 35° 27' 39.45"   |
| Longitude   | W 81° 15' 37.51"   |





#### Attributes

|             |   |
|-------------|---|
| File Name   | DSCN1846.JPG  |
| Description | Photograph of wastewater from truck washing operations observed during the site running towards the bermed area near the outfall. |
| Latitude    | N 35° 27' 39.07"  |
| Longitude   | W 81° 15' 36.97"  |





| Attributes  |   |
|-------------|---|
| File Name   | DSCN1847.JPG  |
| Description | Photograph of wastewater from truck washing operations observed during the site running towards the bermed area near the outfall. |
| Latitude    | N 35° 27' 39.04"  |
| Longitude   | W 81° 15' 36.99"  |





| Attributes  |  |
|-------------|--|
| File Name   | DSCN1848.JPG   |
| Description | Photograph of the truck wash station near the concrete wash pit. |
| Latitude    | N 35° 27' 36.32"   |
| Longitude   | W 81° 15' 39.12"   |





| Attributes  |   |
|-------------|---|
| File Name   | DSCN1849.JPG                              |
| Description | Photograph of the concrete washout basin. |
| Latitude    | N 35° 27' 36.85"                          |
| Longitude   | W 81° 15' 37.93"                          |





#### Attributes

|             |   |
|-------------|---|
| File Name   | DSCN1850.JPG  |
| Description | Photograph of the municipality's sanitary sewer manhole near the concrete washout station. According to facility personnel, it periodically pump concrete washout water via a portable pump into this sanitary sewer manhole. |
| Latitude    | N 35° 27' 37.25"  |
| Longitude   | W 81° 15' 37.67"  |





#### Attributes

|             |  |
|-------------|--|
| File Name   | DSCN1851.JPG   |
| Description | Photograph of the final treatment cell (Bright well) of the concrete washout. The water from this cell can be used in the process, dust suppression, or directed to the city sanitary sewer manhole. |
| Latitude    | N 35° 27' 37.30"   |
| Longitude   | W 81° 15' 38.54"   |





| Attributes  |  |
|-------------|--|
| File Name   | DSCN1852.JPG   |
| Description | Photograph of the diesel fuel tank and its secondary containment structure. A drainage valve was observed in the secondary containment structure. The valve was closed at the time of the inspection. Although a lock was not in place on the valve, the valve arm had been removed. |
| Latitude    | N 35° 27' 37.16"   |
| Longitude   | W 81° 15' 37.49"   |





| Attributes  |   |
|-------------|---|
| File Name   | DSCN1853.JPG                                      |
| Description | Photograph of the outdoor material storage piles. |
| Latitude    | N 35° 27' 36.50"                                  |
| Longitude   | W 81° 15' 36.70"                                  |





#### Attributes

|             |   |
|-------------|---|
| File Name   | DSCN1854.JPG  |
| Description | Photograph of the material storage piles. Some sediment tracking was observed from the sand storage pile. A concrete waste storage area can be seen in the back of the photograph along the south side of the property. |
| Latitude    | N 35° 27' 36.51"  |
| Longitude   | W 81° 15' 36.76"  |





| Attributes  |  |
|-------------|--|
| File Name   | DSCN1855.JPG   |
| Description | Junction point with the stream and the old outfall from the site which was considered closed out and removed from its permit requirements. |
| Latitude    | N 35° 27' 34.22"   |
| Longitude   | W 81° 15' 34.22"   |





| Attributes  |  |
|-------------|--|
| File Name   | DSCN1856.JPG   |
| Description | Down gradient from the former outfall leading to the stream. |
| Latitude    | N 35° 27' 34.40"   |
| Longitude   | W 81° 15' 34.91"   |

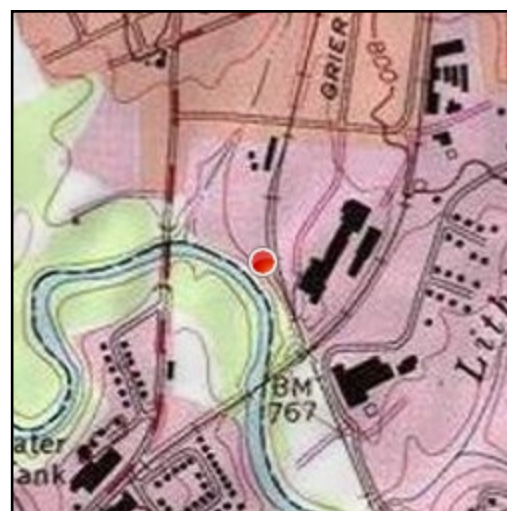




#### Attributes

|             |   |
|-------------|---|
| File Name   | DSCN1857.JPG  |
| Description | Photograph of the area just down gradient of the removed outfall. The photo shows the concrete blocks used to block off the outfall. The block structure was observed with gaps between the blocks which would still allow for stormwater discharges. |
| Latitude    | N 35° 27' 35.00"  |
| Longitude   | W 81° 15' 34.70"  |

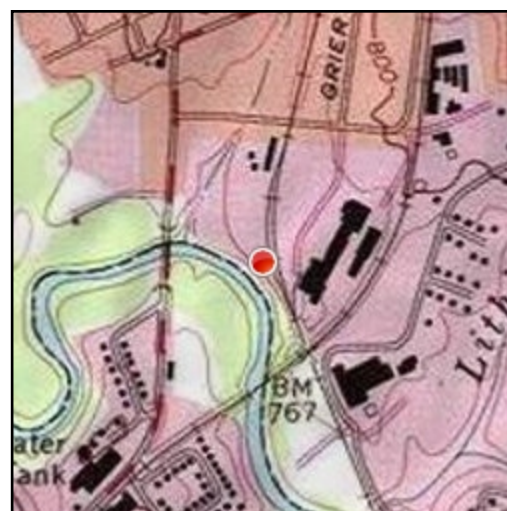




#### Attributes

|             |   |
|-------------|---|
| File Name   | DSCN1858.JPG  |
| Description | Photograph of the loading hopper to the storage silos. The loading hopper was located near the crest of a hill leading to the stream. Sediment accumulation was observed along the ground in this area which drains towards the stream. |
| Latitude    | N 35° 27' 35.51"  |
| Longitude   | W 81° 15' 35.04"  |





#### Attributes

|             |   |
|-------------|---|
| File Name   | DSCN1859.JPG  |
| Description | Photograph of the loading conveyor to the storage silos. The loading hopper was located near the crest of a hill leading to the stream. Sediment accumulation was observed along the ground in this area which drains towards the stream. |
| Latitude    | N 35° 27' 35.53"  |
| Longitude   | W 81° 15' 35.04"  |

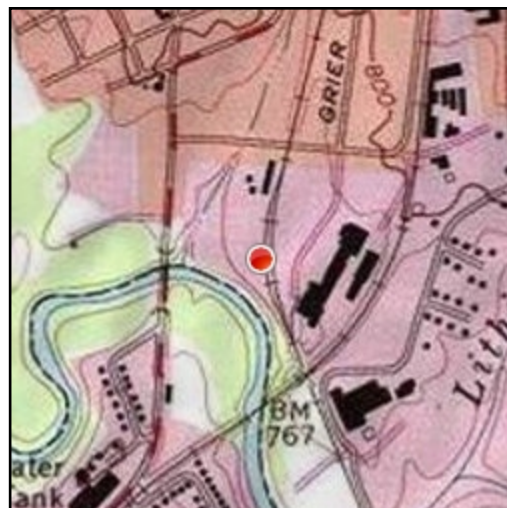




#### Attributes

|             |  |
|-------------|--|
| File Name   | DSCN1860.JPG   |
| Description | Photograph of the covered area used for oil storage. Oil drums were observed on secondary containment structures and underneath cover. |
| Latitude    | N 35° 27' 37.07"   |
| Longitude   | W 81° 15' 35.05"   |





#### Attributes

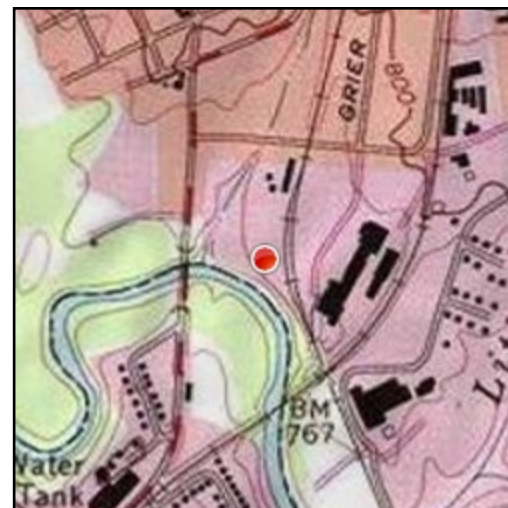
|             |  |
|-------------|--|
| File Name   | DSCN1861.JPG   |
| Description | Photograph of the outdoor chemical storage area and tanks. The tank area had a secondary containment structure with a release valve. The valve, which was observed with the valve handle removed, was observed closed during the inspection. |
| Latitude    | N 35° 27' 37.18"   |
| Longitude   | W 81° 15' 35.04"   |





| Attributes  |  |
|-------------|--|
| File Name   | DSCN1862.JPG   |
| Description | Photograph of the outdoor chemical storage area and tanks. The tank area had a secondary containment structure with a release valve. The valve, which was observed with the valve handle removed, was observed closed during the inspection. |
| Latitude    | N 35° 27' 37.43"   |
| Longitude   | W 81° 15' 34.91"   |





#### Attributes

|             |  |
|-------------|--|
| File Name   | DSCN1863.JPG                               |
| Description | Photograph of the truck loading operation. |
| Latitude    | N 35° 27' 37.07"                           |
| Longitude   | W 81° 15' 36.27"                           |





| Attributes  |  |
|-------------|--|
| File Name   | DSCN1864.JPG                               |
| Description | Photograph of the truck loading operation. |
| Latitude    | N 35° 27' 37.76"                           |
| Longitude   | W 81° 15' 36.42"                           |



**Semi-Annual  
Environmental Inspection**

**General Site Observations:** G.S.# \_\_\_\_\_ Plant: Lincoln Date: 9/24/2018

|     | NOV | Yes | No |   |
|-----|-----|-----|----|---|
| 1.  |     | X   |    | Main entrance landscaped and well maintained  |
| 2.  |     | X   |    | Yard free from debris   |
| 3.  |     | X   |    | Leaks throughout yard ex: "vehicles, admix, other" addressed                                      |
| 4.  |     | X   |    | Wash-out pit well maintained including windrow area   |
| 5.  |     | X   |    | Yard free from fugitive dust and solids run-off " Yard needs to be washed off on a regular basis" |
| 6.  |     | X   |    | Is the rock and sand that is washed away from stockpiles scraped up " Minimize solids"            |
| 7.  |     | X   |    | Catch basin filtration maintained properly " Replace Hay or Rock dams"                            |
| 8.  |     | X   |    | Assigned Parking "Leak Detection"   |
| 9.  |     |     | X  | Fuel hose has break-a-way connection  |
| 10. |     | X   |    | Spill kits available near fuel station  |
| 11. |     | X   |    | Security fence around property free of veg and in good repair                                     |
| 12. |     | X   |    | Spill kits available for trucks   |

**Aggregate unloading and storage:**

|    | NOV | Yes | No |   |
|----|-----|-----|----|---|
| 1. |     | X   |    | Water runoff from agg directed to catch basins, ponds, or wash down areas                                   |
| 2. |     | X   |    | Water clear of oil sheen in delivery areas  |
| 3. |     | X   |    | Area between agg storage and rest of yard permeable "grass-dirt" for water runoff                           |
| 4. |     | X   |    | Valley gutters leading towards Storm Water drains have filtration to catch solids and is replaced regularly |

**Batch Plant:**

|    | NOV | Yes | No |  |
|----|-----|-----|----|--|
| 1. |     | X   |    | Block walls around admix secondary poured solid                                  |
| 2. |     | X   |    | If truck wash is not located in the wash out area is there secondary containment |
| 3. |     | X   |    | Trash removed from the inside of the secondary containment                       |
| 4. |     | X   |    | Free of any leaks or spills inside secondary containment                         |
| 5. |     | X   |    | Discharge valve closed and handle removed  |
| 6. |     | X   |    | Is the bag house free from dusting   |
| 7. |     | X   |    | Dusting from charge hopper/shroud " Dust collector working properly "            |
| 8. |     | X   |    | Magnahelic gauge reading correct range "2-6"                                     |

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ALL "NO'S" MUST BE EXPLAINED

Property of Concrete Supply Co

| Attributes  |  |
|-------------|--|
| File Name   | DSCN1865.JPG   |
| Description | Photograph of the most recent semiannual inspection performed at the facility. |
| Latitude    |  |
| Longitude   |  |



Semi-Annual  
Environmental Inspection

Wash out Area:

|    | NOV | Yes | No |
|----|-----|-----|----|
| 1. |     | X   |    |
| 2. |     | X   |    |
| 3. |     |     | X  |
| 4. |     | X   |    |
| 5. |     | X   |    |
| 6. |     | X   |    |
| 7. |     | X   |    |
| 8. |     | X   |    |

Is pit maintained and neat in appearance i.e., Not overflowing with solids and debris on walls  
Drying area of proper size  
Is a Ph adjuster used to treat wash water  
Is water recycled into concrete or truck wash down  
Do bays allow for solids to settle  
Is the main Storm water run off separate from the Process water run off  
Do the wash out area bays also catch processed water from plant and or secondary containments  
Is all water contained on site other than extreme rain events

Truck fueling and Oil storage:

|    | NOV | Yes | No |
|----|-----|-----|----|
| 1. |     | X   |    |
| 2. |     | X   |    |
| 3. |     | X   |    |
| 4. |     | X   |    |
| 5. |     |     | X  |

Is there an oil pallet used to contain possible leaks from drums  
Is the fueling area clean and accessible for clean up of spills and leaks  
Is there a spill kit located at the fueling area  
Is there a Emergency Stop for the fuel pump  
Are Homemade Oil containers being used

Energy Conservation

|     | N/A | Yes | No |
|-----|-----|-----|----|
| 1.  |     |     | X  |
| 2.  |     | X   |    |
| 3.  |     |     | X  |
| 4.  | X   |     |    |
| 5.  | X   |     |    |
| 7.  | X   |     |    |
| 8.  | X   |     |    |
| 9.  |     | X   |    |
| 10. |     |     | X  |
| 11. |     | X   |    |
| 12. |     |     | X  |

Are the Yard lights on during daylight hours  
Are the Yard lights set on a timer or photo cell  
Are the Agg belts running without material being loaded  
Any signs of Air leaks throughout the plant  
Mixers running while waiting to load  
Is the Loader running and not being used  
Is the Dust Collector on while plant is inactive  
Is there a programmable Thermostat set correctly  
Are there any unnecessary building lights on  
Are Energy Efficient lights being used  
Unattended water tank on mixer overflowing

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| Attributes  |  |
|-------------|--|
| File Name   | DSCN1866.JPG   |
| Description | Photograph of the most recent semiannual inspection performed at the facility. |
| Latitude    |  |
| Longitude   |  |



Semi-Annual  
Environmental Inspection

Administrative:

| NOV | Yes | No |   |
|-----|-----|----|---|
| 1.  | X   |    | Is the Air permit available in managers office  |
| 2.  | X   |    | Is the Air permit current   |
| 3.  | X   |    | Are pressure readings documented daily " Magnahelic gauge readings "                        |
| 4.  | X   |    | Are dust collector maintenance logs maintained, up to date, and available                   |
| 5.  | X   |    | Does the plant have a copy of their SWP3 plan   |
| 6.  | X   |    | Stormwater plan modification log up-to-date   |
| 7.  | X   |    | Is there a copy of the Storm Water General permit on site or in binder                      |
| 8.  | X   |    | Is there a Certificate of Coverage  |
| 9.  | X   |    | Is there a signed Certification page included in the SWP3 binder                            |
| 10. | X   |    | Is there a signed Signature Authorization form included in the SWP3 binder                  |
| 11. | X   |    | Visual Observation report completed for the plant   |
| 12. | X   |    | Storm Water and SPCC training up-to-date  |
| 13. | X   |    | Significant Leaks and Spills Certification up to date                                       |
| 14. | X   |    | Non - Stormwater Certification up to date   |
| 15. | X   |    | At least two Qualitative samplings preformed during calendar year                           |
| 16. | X   |    | Analytical sampling and testing completed and Discharge Outfall Monitoring report submitted |
| 17. | X   |    | Are the Weekly and Monthly SPCC inspections being performed                                 |
| 18. | N   | A  | Are the monthly, Yearly, and Tri-Annual UST up-to-date                                      |

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| Attributes  |  |
|-------------|--|
| File Name   | DSCN1867.JPG   |
| Description | Photograph of the most recent semiannual inspection performed at the facility. |
| Latitude    |  |
| Longitude   |  |